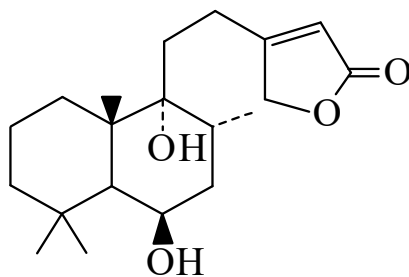




>>Entry Name: 6,9-Dihydroxy-13-labden-15,16-olide



**Molecular Formula:** C<sub>20</sub>H<sub>32</sub>O<sub>4</sub>

**Molecular Weight:** 336.47

**Accurate Mass:** 336.23006

**Percentage Composition:** C 71.39%; H 9.59%; O 19.02%

>>Variant: (6β,8α,9α)-form

**Molecular Formula:** C<sub>20</sub>H<sub>32</sub>O<sub>4</sub>

**Molecular Weight:** 336.47

**Accurate Mass:** 336.23006

**Percentage Composition:** C 71.39%; H 9.59%; O 19.02%

>>Derivative: 6-Ac

**Synonym(s):** 6β-Acetoxy-9α-hydroxy-13-labden-15,16-olide. **Vitexilactone**

**CAS Registry Number:** 61263-49-8

**Molecular Formula:** C<sub>22</sub>H<sub>34</sub>O<sub>5</sub>

**Molecular Weight:** 378.508

**Accurate Mass:** 378.240625

**Percentage Composition:** C 69.81%; H 9.05%; O 21.13%

**Biological Source:** Constit. of the leaves of *Vitex cannabifolia*

**Physical Description:** Cryst. (MeOH)

**Melting Point:** Mp 150-151°

**Optical Rotation:** [α]<sub>D</sub><sup>25</sup> -12.6 (c, 1.23 in CHCl<sub>3</sub>)

#### References:

Taguchi, H., *Chem. Pharm. Bull.*, 1976, **24**, 1668

Hoberg, E. *et al.*, *Phytochemistry*, 1999, **52**, 1555-1558, (cmr)